Format No: CP/TF/01

TEST REPORT ON PHYSICAL REQUIREMENTS OF SOLID CONCRETE BLOCKS

Lab ID	:	**CP-2018-12-13-72** **Date: 31-03-18**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Dr.B.R AMBEDKAR BHAVAN in kogilu layout in ward no.05
Agency	:	Technical Manager(West),KRIDL,Bangalore.
Customer's Reference	:	EE(Project)YNKZone/WO/124/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-03-18
Sample ID No	:	2018-12-13-72 /07
Sample Type/Size	:	Solid concrete blocks size (400X200X200)mm
Reference to BIS codes	:	IS : 2185 (Part 1) : 2005(RA 2010) Concrete Masonry Specification Part 1:Hollow and Solid Concrete Blocks (Dimensions -Annex-B, Clause 9.2 and 10 , Block density Annex -C Clause 9.3 and10, Compressive strength Annex -D Clause 9.4 and 10, Water absorption Annex -E Clause 9.5 and 10)
Date of test	:	28-03-18

BLOCK DENSITY:

Sl. No.	Measurement of overall Dimensions of Individual Blocks			Overall Volume of the Block in Cubic Centimetres	Weight of Oven Dried Block in Kilograms to the nearest 10 Gram	Block Density in Kg/cum*10^6	Avg.Block Density in (Kg/cum)	As per IS 2185(Part 1) :2005 (RA 2010)
	Length	Breadth	Height					
	mm	mm	mm	(Cm^3)	Kg	Kg/m^3	Kg/m^3	
1	402	202	203	16484	34.140	2071.0	2089.4	Not less than 1800Kg/m^3
2	401	201	201	16201	34.230	2112.9		
3	402	202	202	16403	34.190	2084.3		

WATER ABSORPTION:

Sl. No.	Wet weight after water absorption	Dry weight (Oven dry)	Water Absorption	Avg.Water Absorption	As per IS 2185(Part 1):2005 (RA 2010)
	kg	kg	%	%	
1	35.890	34.250	4.79	4.42	Shall not be more than 10% by mass
2	35.750	34.390	3.95		
3	35.830	34.280	4.52		

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Lab ID : **CP-2018-12-13-72**

Date: 31-03-18

Sample ID No : **2018-12-13-72 /07**

DIMENSION ANALYSIS

Sl.no	Length mm	Breadth mm	Height mm	Requirement as per IS 2185(Part 1):2005
1	402	202	201	Length : ± 5mm Breadth : ± 3mm Height : ± 3mm
2	401	201	203	
3	403	203	201	
4	402	201	203	
5	401	203	201	
6	402	202	199	
7	403	201	202	
8	401	203	201	
9	403	201	203	
10	401	203	201	
11	402	201	203	
12	403	203	201	
13	401	201	200	
14	402	203	201	
15	401	201	203	
16	403	202	201	
17	401	201	203	
18	402	203	201	
19	403	201	203	
20	404	202	201	
Average of 20	**402**	**202**	**202**	

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Lab ID : **CP-2018-12-13-72**

Sample ID No : 2018-12-13-72 /07

Date: 31-03-18

COMPRESSIVE STRENGTH:

Sl. No.	Size of solid block		Area	Failure Load	Compressive strength	Average Compressive strength
	Length	Breadth				
	mm	mm	(mm^2)	(KN)	N/mm^2	(N/mm^2)
1	402	202	81204	448.9	5.5	5.5
2	401	201	80601	422.9	5.2	
3	403	203	81809	432.9	5.3	
4	402	201	80802	444.9	5.5	
5	401	203	81403	452.6	5.6	
6	402	202	81204	474.6	5.8	
7	403	201	81003	455.8	5.6	
8	401	203	81403	442.6	5.4	

As per IS Requirements (Table 2, Clause 5.1, 5.2 and 9.4)

Compressive strength		
Grade	Minimum average	Minimum Individual units.
C (5.0)	5.00 N/mm^2	4.00 N/mm^2
C (4.0)	4.00 N/mm^2	3.20 N/mm^2

Note:
The results pertain to the samples received and tested.
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Format No: CP/TF/01

TEST REPORT ON PHYSICAL REQUIREMENTS OF SOLID CONCRETE BLOCKS

Lab ID	:	**CP-2018-12-13-72** **Date: 31-03-18**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Dr.B.R AMBEDKAR BHAVAN in kogilu layout in ward no.05
Agency	:	Technical Manager(West),KRIDL,Bangalore.
Customer's Reference	:	EE(Project)YNKZone/WO/124/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-03-18
Sample ID No	:	2018-12-13-72 /07
Sample Type/Size	:	Solid concrete blocks size (400X100X200)mm
Reference to BIS codes	:	IS : 2185 (Part 1) : 2005(RA 2010) Concrete Masonry Specification Part 1:Hollow and Solid Concrete Blocks (Dimensions -Annex-B, Clause 9.2 and 10 , Block density Annex -C Clause 9.3 and10, Compressive strength Annex -D Clause 9.4 and 10, Water absorption Annex -E Clause 9.5 and 10)
Date of test	:	28-03-18

BLOCK DENSITY:

Sl. No.	Measurement of overall Dimensions of Individual Blocks			Overall Volume of the Block in Cubic Centimetres	Weight of Oven Dried Block in Kilograms to the nearest 10 Gram	Block Density in Kg/cum*10^6	Avg.Block Density in (Kg/cum)	As per IS 2185(Part 1) :2005 (RA 2010)
	Length	Breadth	Height					
	mm	mm	mm	(Cm^3)	Kg	Kg/m^3	Kg/m^3	
1	402	101	202	8202	16.890	2059.4	2010.6	Not less than 1800Kg/m^3
2	401	102	201	8221	16.550	2013.1		
3	402	102	203	8324	16.310	1959.4		

WATER ABSORPTION:

Sl. No.	Wet weight after water absorption	Dry weight (Oven dry)	Water Absorption	Avg.Water Absorption	As per IS 2185(Part 1):2005 (RA 2010)
	kg	kg	%	%	
1.	17.520	16.550	5.86	5.46	Shall not be more than 10% by mass
2	17.650	16.790	5.12		
3	17.590	16.690	5.39		

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Lab ID : **CP-2018-12-13-72** **Date: 31-03-18**

Sample ID No : **2018-12-13-72 /07**

DIMENSION ANALYSIS

Sl.no	Length mm	Breadth mm	Height mm	Requirement as per IS 2185(Part 1):2005
1	402	103	202	
2	401	101	201	
3	402	102	202	
4	401	102	203	
5	403	103	201	
6	401	102	203	
7	402	103	201	
8	401	102	203	
9	402	103	201	
10	403	100	200	
11	401	102	203	**Length : ± 5mm**
12	402	100	201	**Breadth : ± 3mm**
13	403	102	203	**Height : ± 3mm**
14	402	103	201	
15	400	102	202	
16	403	102	203	
17	401	103	201	
18	403	102	203	
19	401	102	202	
20	402	101	203	
Average of 20	**402**	**102**	**202**	

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Lab ID : **CP-2018-12-13-72** **Date: 31-03-18**

Sample ID No : 2018-12-13-72 /07

COMPRESSIVE STRENGTH:

Sl. No.	Size of solid block		Area	Failure Load	Compressive strength	Average Compressive strength
	Length	Breadth				
	mm	mm	(mm^2)	(KN)	N/mm^2	(N/mm^2)
1	402	103	41406	198.6	4.8	4.6
2	401	101	40501	178.9	4.4	
3	402	102	41004	185.3	4.5	
4	401	102	40902	199.7	4.9	
5	403	103	41509	181.6	4.4	
6	401	102	40902	185.2	4.5	
7	402	103	41406	173.9	4.2	
8	401	102	40902	192.5	4.7	

As per IS Requirements (Table 2, Clause 5.1, 5.2 and 9.4)

Compressive strength		
Grade	**Minimum average**	**Minimum Individual units.**
C (5.0)	5.00 N/mm^2	4.00 N/mm^2
C (4.0)	4.00 N/mm^2	3.20 N/mm^2

Note:
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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-12-13-72**

Date: 01/05/2018

Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.

Address : Project Sub Division, BBMP, Bangalore.

Project Name : Construction of Dr.B.R AMBEDKAR BHAVAN in kogilu layout in ward no.05

Agency : Technical Manager(West),KRIDL,Bangalore.

Customer's Reference : EE(Project)YNKZone/WO/124/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 26-04-18

Sample ID No : 2018-12-13-72 /05

Customer ID : Footing Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 01/05/2018

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Footing Concrete	M25	24/04/2018	01/05/2018	150.32 X 150.30 X 149.66	22593	8.518	483.5	21.4	21.8
2	Footing Concrete	M25	24/04/2018	01/05/2018	150.18 X 149.09 X 149.96	22391	8.355	506.0	22.6	
3	Footing Concrete	M25	24/04/2018	01/05/2018	151.24 X 149.44 X 150.22	22601	8.545	481.4	21.3	

Note:

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Quality Manager

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-12-13-72** **Date: 22/05/2018**

Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.

Address : Project Sub Division, BBMP, Bangalore.

Project Name : Construction of Dr.B.R AMBEDKAR BHAVAN in kogilu layout in ward no.05

Agency : Technical Manager(West),KRIDL,Bangalore.

Customer's Reference : EE(Project)YNKZone/WO/124/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 26-04-18

Sample ID No : 2018-12-13-72 /06

Customer ID : Footing Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 22/05/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Footing Concrete	M25	24/04/2018	22/05/2018	151.89 X 150.89 X 151.45	22917	8.046	637.1	27.8	28.2
2	Footing Concrete	M25	24/04/2018	22/05/2018	151.04 X 151.80 X 149.82	22928	8.306	662.6	28.9	
3	Footing Concrete	M25	24/04/2018	22/05/2018	152.00 X 149.77 X 150.39	22765	8.366	635.1	27.9	

Note:

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-12-13-72** **Date: 22/05/2018**

Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.

Address : Project Sub Division, BBMP, Bangalore.

Project Name : Construction of Dr.B.R AMBEDKAR BHAVAN in kogilu layout in ward no.05

Agency : Technical Manager(West),KRIDL,Bangalore.

Customer's Reference : EE(Project)YNKZone/WO/124/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 26-04-18

Sample ID No : 2018-12-13-72 /08

Customer ID : Footing Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 22/05/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Footing Concrete	M25	24/04/2018	22/05/2018	151.89 X 150.89 X 151.45	22917	8.046	639.4	27.9	28.1
2	Footing Concrete	M25	24/04/2018	22/05/2018	151.04 X 151.80 X 149.82	22928	8.306	655.8	28.6	
3	Footing Concrete	M25	24/04/2018	22/05/2018	152.00 X 149.77 X 150.39	22765	8.366	632.9	27.8	

Note:

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 01/05/2018

Lab ID	:	**CP-2018-12-13-72**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Dr.B.R AMBEDKAR BHAVAN in kogilu layout in ward no.05
Agency	:	Technical Manager(West),KRIDL,Bangalore.
Customer's Reference	:	EE(Project)YNKZone/WO/124/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	26-04-18
Sample ID No	:	2018-12-13-72 /07
Customer ID	:	Footing Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	01/05/2018

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Footing Concrete	M25	24/04/2018	01/05/2018	149.62 X 150.30 X 149.66	22488	8.518	492.5	21.9	22.0
2	Footing Concrete	M25	24/04/2018	01/05/2018	150.18 X 149.09 X 149.96	22391	8.355	501.6	22.4	
3	Footing Concrete	M25	24/04/2018	01/05/2018	151.24 X 149.44 X 150.22	22601	8.545	488.2	21.6	

Note:

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-12-13-72** **Date: 30/05/2018**

Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.

Address : Project Sub Division, BBMP, Bangalore.

Project Name : Construction of Dr.B.R AMBEDKAR BHAVAN in kogilu layout in ward no.05

Agency : Technical Manager(West),KRIDL,Bangalore.

Customer's Reference : EE(Project)YNKZone/WO/124/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 04-05-18

Sample ID No : 2018-12-13-72 /02

Customer ID : Column Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 30/05/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Column Concrete	M25	02/05/2018	30/05/2018	151.89 X 150.89 X 151.45	22917	8.046	627.9	27.4	27.8
2	Column Concrete	M25	02/05/2018	30/05/2018	151.04 X 151.80 X 149.82	22928	8.306	655.8	28.6	
3	Column Concrete	M25	02/05/2018	30/05/2018	152.00 X 149.77 X 150.39	22765	8.366	621.5	27.3	

Note:

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-12-13-72** **Date: 09/05/2018**

Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.

Address : Project Sub Division, BBMP, Bangalore.

Project Name : Construction of Dr.B.R AMBEDKAR BHAVAN in kogilu layout in ward no.05

Agency : Technical Manager(West),KRIDL,Bangalore.

Customer's Reference : EE(Project)YNKZone/WO/124/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 04-05-18

Sample ID No : 2018-12-13-72 /01

Customer ID : Column Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 09/05/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Column Concrete	M25	02/05/2018	09/05/2018	149.62 X 150.30 X 149.66	22488	8.518	476.7	21.2	21.7
2	Column Concrete	M25	02/05/2018	09/05/2018	150.18 X 149.09 X 149.96	22391	8.355	506.0	22.6	
3	Column Concrete	M25	02/05/2018	09/05/2018	151.24 X 149.44 X 150.22	22601	8.545	481.4	21.3	

Note:

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 09/05/2018

Lab ID	:	**CP-2018-12-13-72**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Dr.B.R AMBEDKAR BHAVAN in kogilu layout in ward no.05
Agency	:	Technical Manager(West),KRIDL,Bangalore.
Customer's Reference	:	EE(Project)YNKZone/WO/124/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	04-05-18
Sample ID No	:	2018-12-13-72 /03
Customer ID	:	Column Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	09/05/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Column Concrete	M25	02/05/2018	09/05/2018	149.62 X 150.30 X 149.66	22488	8.518	483.5	21.5	22.0
2	Column Concrete	M25	02/05/2018	09/05/2018	150.18 X 149.09 X 149.96	22391	8.355	506.0	22.6	
3	Column Concrete	M25	02/05/2018	09/05/2018	151.24 X 149.44 X 150.22	22601	8.545	495.0	21.9	

Note:

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 30/05/2018

Lab ID	:	**CP-2018-12-13-72**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Dr.B.R AMBEDKAR BHAVAN in kogilu layout in ward no.05
Agency	:	Technical Manager(West),KRIDL,Bangalore.
Customer's Reference	:	EE(Project)YNKZone/WO/124/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	04-05-18
Sample ID No	:	2018-12-13-72 /04
Customer ID	:	Column Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	30/05/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Column Concrete	M25	02/05/2018	30/05/2018	151.89 X 150.89 X 151.45	22917	8.046	637.1	27.8	28.0
2	Column Concrete	M25	02/05/2018	30/05/2018	151.04 X 151.80 X 149.82	22928	8.306	651.2	28.4	
3	Column Concrete	M25	02/05/2018	30/05/2018	152.00 X 149.77 X 150.39	22765	8.366	630.6	27.7	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

FOR CIVIL Pro.

CIVIL PRO BANGALORE Sig..... Date.....

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-12-13-72** **Date: 09/05/2018**

Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.

Address : Project Sub Division, BBMP, Bangalore.

Project Name : Construction of Dr.B.R AMBEDKAR BHAVAN in kogilu layout in ward no.05

Agency : Technical Manager(West),KRIDL,Bangalore.

Customer's Reference : EE(Project)YNKZone/WO/124/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 04-05-18

Sample ID No : 2018-12-13-72 /05

Customer ID : Column Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 09/05/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Column Concrete	M25	02/05/2018	09/05/2018	149.62 X 150.30 X 149.66	22488	8.518	481.2	21.4	21.9
2	Column Concrete	M25	02/05/2018	09/05/2018	150.18 X 149.09 X 149.96	22391	8.355	499.3	22.3	
3	Column Concrete	M25	02/05/2018	09/05/2018	151.24 X 149.44 X 150.22	22601	8.545	495.0	21.9	

Note:

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B.KARTHIK RECHAN
Authorized Signatory
Quality Manager

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Certificate No.: TC- 5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2018-12-13-72** **Date: 30/05/2018**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Dr.B.R AMBEDKAR BHAVAN in kogilu layout in ward no.05
Agency	:	Technical Manager(West),KRIDL,Bangalore.
Customer's Reference	:	EE(Project)YNKZone/WO/124/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	04-05-18
Sample ID No	:	2018-12-13-72 /06
Customer ID	:	Column Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	30/05/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Column Concrete	M25	02/05/2018	30/05/2018	151.89 X 150.89 X 151.45	22917	8.046	634.8	27.7	28.1
2	Column Concrete	M25	02/05/2018	30/05/2018	151.04 X 151.80 X 149.82	22928	8.306	662.6	28.9	
3	Column Concrete	M25	02/05/2018	30/05/2018	152.00 X 149.77 X 150.39	22765	8.366	628.3	27.6	

Note:
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R KARTHIK RECHAN
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Quality Manager

****End of Report****

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